

CLAIMS

1. A load driver comprising:

an inverter (20) driving a load (MG);

5 a voltage converter (11) executing voltage conversion between a power supply (B) and said inverter (20); and

a control device (30) controlling said inverter (20) to drive said load (MG) by changing control mode of said load (MG), upon receiving a command to perform a boosting operation by said voltage converter (11) when the control mode of said load (MG) is a rectangular-wave control mode.

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2. The load driver according to claim 1, wherein

said control device (30) controls said inverter (20) to drive said load (MG) by changing said control mode to a pulse-width-modulation control mode.

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3. The load driver according to claim 1 or 2, wherein

said control device (30) controls said inverter (20) to drive said load (MG) by further suppressing increase of a torque command value.

4. A load driver comprising:

an inverter (20) driving a load (MG);

a voltage converter (11) executing voltage conversion between a power supply (B) and said inverter (20); and

a control device (30) controlling said inverter (20) to drive said load (MG) by suppressing increase of a torque command value, upon receiving a command to perform a boosting operation by said voltage converter (11) when control mode of said load (MG) is a rectangular-wave control mode.

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5. A load driver comprising:
- an inverter (20) driving a load (MG);
 - a voltage converter (11) executing voltage conversion between a power supply (B) and said inverter (20); and
5. a control device (30) controlling said inverter (20) to drive said load (MG) in a control mode except for a rectangular-wave control mode when said voltage converter (11) performs a boosting operation.